

## Radiant Silvergun

Suite: The Stone-Like

by Arya Akhavan (June 2015)

Angles for R.I. = 1.540

57 + 12 girdles = 69 facets

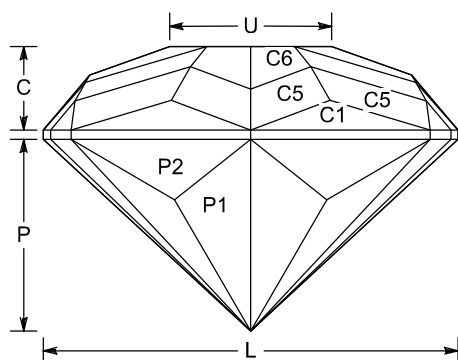
2-fold, mirror-image symmetry

96 index

L/W = 1.000 T/W = 0.422 U/W = 0.391

P/W = 0.462 C/W = 0.201

Vol./W<sup>3</sup> = 0.218



### PAVILION

P1	43.00°	02-14-18-22-26-30-34-46-50-62-66-70-74-78-82-94	Cut to centerpoint.
G1	90.00°	08-40-56-88	Set stone size.
G2	90.00°	18-22-26-30-66-70-74-78	Level girdle.
P2	65.76°	08-40-56-88	Level girdle.

### CROWN

C1	55.25°	08-40-56-88	Set girdle width.
C2	57.67°	18-30-66-78	Level girdle.
C3	51.76°	22-26-70-74	Level girdle.
C4	49.92°	23-25-71-73	Meet G2, C3
C5	41.18°	06-10-38-42-54-58-86-90	Meet G1, C1; G1, G2, C1, C2
C6	32.45°	04-12-36-44-52-60-84-92	Meet C2, C3, C5 with (12-36-60-84)
C7	21.69°	17-31-65-79	Meet C3, C4, C6
T	0.00°	Table	Meet C6, C7

This design is another rotational-reflected modification for a previous design - this time, it's derived from "Schwastey-Pants". Somehow, it turned into a wonderful barion with lots of bars on the crown, just how I like it.

It's a bit deeper so it should work very well in paler materials, and has a unique outline. Works in materials from petalite to rutile (RI = 1.50 - 2.62) with no changes, but I like it best in larger synthetic spinel.

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